



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of : Group Art Unit:
Ismael A. Hernández : Not Yet Assigned
Serial No.: 10/685,976 :
Filed: October 14, 2003 : Examiner: NYA
For: YARN CARRIER : Attorney Docket No.:
: 179904 (9325-73)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, the Applicants attach hereto a completed PTO Form 1449 (modified).

This Information Disclosure Statement is being submitted before the mailing of a first office action on the merits for the above-identified application. Therefore, no certification, petition or fee is required. However, if necessary, please charge any fee, or credit any overcharge, to Deposit Account No. 50-0573.

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)	
I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
BY	<i>Patricia H'Olvera</i>
DATE:	<i>March 30, 2004</i>

The references identified on the accompanying Form 1449 may be considered relevant to the subject matter of the present application. Copies of the U.S. patents cited on the Form 1449 need not be submitted pursuant to 1276 OG 55 (August 5, 2003).

The Examiner is respectfully requested to review the items listed on the attached Form PTO-1449 and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate substitute Form PTO-1449, and return one copy to the undersigned.

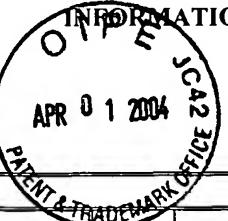
This Information Disclosure Statement should not be construed as a representation that the cited references are material or that more relevant prior art does not exist.

Respectfully submitted,

ISMAEL A. HERNÁNDEZ, et al.

BY:


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Attorney for Applicants

SUBSTITUTE FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 179904 (9325-73)	SERIAL NO. 10/685,976
INFORMATION DISCLOSURE STATEMENT 		APPLICANT: Ismael A. Hernández, et al.			
		FILING DATE October 14, 2003	GROUP Not Yet Assigned		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA	1,074,590	09/13	Kempshall	29	895.21	
	AB	1,991,880	02/35	Clarence E. Chaffin	242	164	
	AC	2,930,537	03/60	B. H. Davis et al.	242	475	
	AD	2,953,317	09/60	Atwood et al.	242	118.31	
	AE	2,973,126	02/61	A. Kresslein	225	63	
	AF	3,000,590	09/61	Dunlap et al.	242	118.31	
	AG	3,107,067	10/63	Atwood et al.	242	118.32	
	AH	3,402,902	09/68	Schmidt	242	118.31	
	AI	3,451,639	06/69	Atwood et al.	242	118.32	
	AJ	3,582,011	06/71	John B. W. Murray	242	587.1	
	AK	3,625,451	12/71	Clarence W. Anderson	242	125.1	
	AL	3,628,747	12/71	Bakewell	242	118.32	
	AM	3,707,854	01/73	Matzel	66	125R	
	AN	3,730,447	05/73	Franzen et al.	242	476..4	
	AO	3,743,210	07/73	Hawley	242	125.1	
	AP	3,801,038	04/74	Wust	242	487.6	
	AQ	3,809,326	0574	Wüst	242	487.6	
	AR	3,814,347	06/74	Moren, Jr.	242	125.1	
	AS	3,935,939	02/76	Schmidt, et al.	400	208	
	AT	3,986,680	10/76	Cardell	242	125.1	
	AU	4,013,237	03/77	Perrino	242	476.4	
	AV	4,050,645	09/77	Burchette, Jr., et al.	242	125.1	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	AW	4,050,646	09/77	Burchette, Jr.	242	125.1	
	AX	4,062,501	12/77	Eisenberg, et al.	242	474.5	
	AY	4,063,696	12/77	Kelly, et al.	242	125.1	
	AZ	4,069,984	01/78	Klink, et al.	242	476.1G	
	BA	4,077,197	3/78	Bowden, et al.	57	403	
	BB	4,106,711	08/78	Oswald, et al.	242	487.6	
	BC	4,138,069	02/79	Bonzo, et al.	242	474.5	
	BD	4,165,055	08/79	Dee	242	125.2	
	BE	4,184,652	01/80	Rovin	242	118.2	
	BF	4,184,653	01/80	Bonzo	242	125.1	
	BG	4,317,548	03/82	Rottleb	242	125.2	
	BH	4,381,088	04/83	Bryant	242	118.7	
	BI	4,412,662	11/83	Rutecki	242	125.3	
	BJ	4,477,034	10/84	Oswald	242	476.6	
	BK	4,482,099	11/84	Oswald, et al.	242	487.6	
	BL	4,569,763	02/86	Arai	210	497.1	
	BM	4,655,922	04/87	Arai	210	497.1	
	BN	4,659,032	04/87	Rottleb	242	118.4	
	BO	4,739,694	04/88	Flüeli, et al.	91	394	
	BP	4,760,976	08/88	Burchette, Jr.	242	118.11	
	BQ	4,817,896	04/89	Busenhart, et al.	242	476.6	
	BR	4,828,200	05/89	Adams, et al.	242	118.3	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	BS	4,834,314	05/89	Powel, et al.	242	125.1	
	BT	4,842,213	06/89	Bärtschi, et al.	242	125.1	
	BU	4,880,183	11/89	Kubata, et al.	242	125.1	
	BV	4,901,941	02/90	Powel, et al.	242	125.1	
	BW	4,907,758	03/90	Powel, et al.	242	125.1	
	BX	4,919,359	04/90	Powel, et al.	242	125.1	
	BY	4,936,523	06/90	Powel, et al.	242	125.1	
	BZ	5,029,762	07/91	Behrens, et al.	242	473.5	
	CA	5,062,580	11/91	Meagher	242	125.2	
	CB	5,165,623	11/92	Smith	242	322	
	CC	5,167,994	12/92	Paulson	428	34.2	
	CD	5,170,961	12/92	Bolz et al.	242	586	
	CE	5,211,354	05/93	Rummage	242	125.1	
	CF	5,248,111	09/93	Teckentrup, et al.	242	125.1	
	CG	5,441,780	08/95	Bushell, et al.	428	34.2	
	CH	5,505,395	04/96	Qui, et al.	242	118.32	
	CI	5,549,257	08/96	Sanda, et al.	242	580	
	CJ	5,702,063	12/97	Bottari	242	125.2	
	CK	5,791,574	08/98	Hastings	242	476.6	
	CL	6,073,868	06/00	Stevens, et al.	242	118.32	
	CM	6,193,186	02/01	Kewin	242	613.5	

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	CN	6,276,528	08/01	Nowotny, et al.	206	397	
	CO	6,412,728	07/02	Jen	242	476.6	
	CP	6,595,456	07/03	Rummage	242	476.6	
	CQ	2003/0209628	11/03	Rummage	242	476.6	06/09/03
	CR	2004/0000607	01/04	Couchey	242	118.32	06/28/02

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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